|             |         |   | DB                   | Time atoms          |
|-------------|---------|---|----------------------|---------------------|
| L<br>Number | Hits    | Search Text   | פט                   | Time stamp          |
| 38          | 3       | (29/846,847).ccls. and (die or stamp or   | USPAT;               | 2004/03/11          |
|             |         | (forming adj member)) and (cold adj   | US-PGPUB;            | 17:55               |
|             |         | weld\$3) and substrate  | IBM_TDB              |                     |
| 39          | 4       | (438/22,23).ccls. and (die or stamp or  | USPAT;               | 2004/03/11          |
|             |         | (forming adj member)) and (cold adj<br>weld\$3) and substrate                           | US-PGPUB;<br>IBM TDB | 17:55               |
| 4.0         | 1       | (257/79,88).ccls. and (die or stamp or  | USPAT;               | 2004/03/11          |
| 140         |         | (forming adj member)) and (cold adj   | US-PGPUB;            | 17:56               |
|             |         | weld\$3) and substrate  | IBM_TDB              |                     |
| 41          | 112     | ((die or stamp or (forming adj member))   | USPAT;               | 2004/03/11          |
| ĺ           |         | with ((rais\$3 or project\$3 or protrud\$3)   | US-PGPUB;            | 17:57               |
|             |         | adj portion)) and substrate and ((metal or conduct\$3) adj (film or layer))             | IBM_TDB              |                     |
| 42          | 61      | ((die or stamp or (forming adj member))   | USPAT;               | 2004/03/11          |
| 4.4         | 01      | with ((rais\$3 or project\$3 or protrud\$3)   | US-PGPUB;            | 17:59               |
| •           |         | adj portion)) and substrate and ((metal   | IBM_TDB              |                     |
|             |         | or conduct\$3) adj (film or layer)) and   |                      |                     |
|             |         | (die or stamp or (forming adj member))  |                      |                     |
| 12          | 22      | <pre>with press\$3   ((die or stamp or (forming adj member))</pre>                      | USPAT;               | 2004/03/11          |
| 43          | 23      | with ((rais\$3 or project\$3 or protrud\$3)   | US-PGPUB;            | 18:00               |
|             |         | adj portion)) and substrate and ((metal   | IBM TDB              |                     |
|             |         | or conduct\$3) adj (film or layer)) and   | <del></del>          |                     |
|             |         | ((die or stamp or (forming adj member))   |                      |                     |
|             |         | with press\$3) and ((die or stamp or (forming adj member)) with (remov\$3 or            |                      |                     |
|             |         | releas\$3))   |                      |                     |
| _           | 1       |   | USPAT;               | 2004/03/10          |
|             | _       | cold-welding  | US-PGPUB;            | 18:15               |
|             |         | •   | IBM_TDB              |                     |
| -           | . 2     | (("5294870") or ("4769292")).PN.  | USPAT;               | 2004/03/10          |
|             |         |   | US-PGPUB;<br>IBM TDB | 18:18               |
|             | 1       | ("5925259").PN.   | USPAT;               | 2004/03/10          |
| 1           | 1       | ( 3323233 ) . I N .   | US-PGPUB;            | 18:19               |
|             |         |   | IBM_TDB              |                     |
| -           | 7       | ("2897066"   "3647508"   "3716911"  | USPAT                | 2004/03/10          |
| 1           |         | "4021279"   "5512131"   "5725788"   |                      | 18:21               |
|             | 11      | "5772905").PN.<br>5925259.URPN.   | USPAT                | 2004/03/10          |
| _           | 1.7     | 3923239. ORIN.  | 001111               | 18:23               |
| -           | 5       | ("5641611"   "5707745"   "5925259"  | USPAT                | 2004/03/10          |
|             |         | "6013538"   "6027630").PN.  |                      | 18:29               |
| -           | 6       |   | USPAT                | 2004/03/10          |
|             | E 2 4 7 | "5998803"   "6013538"   "6027630").PN. (pattern\$3) and substrate and (thin adj         | USPAT;               | 18:31<br>2004/03/10 |
| -           | 5247    | film) and (press\$3) and die  | US-PGPUB;            | 18:38               |
|             |         |   | IBM_TDB              |                     |
| -           | 3316    | (pattern\$3) same substrate and (thin adj   | USPĀT;               | 2004/03/10          |
|             |         | film) and (press\$3) and die  | US-PGPUB;            | 18:38               |
| -           | 000     | (pattern\$3) same substrate same (thin adj  | IBM_TDB<br>USPAT;    | 2004/03/10          |
| -           | 990     | film) and (press\$3) and die  | US-PGPUB;            | 18:38               |
|             |         |   | IBM_TDB              |                     |
|             | 5       |   | USPAT;               | 2004/03/10          |
|             |         | film) and (press\$3) and die and (cold adj  | US-PGPUB;            | 18:41               |
|             |         | weld\$3)  | IBM_TDB<br>USPAT;    | 2004/03/10          |
| -           | 194     | <pre>(pattern\$3) same substrate same (thin adj<br/>film) same die and (press\$3)</pre> | USPAT;<br>US-PGPUB;  | 18:42               |
|             |         | TIIM) Dame are and (pressys)  | IBM TDB              |                     |
| _           | 18      | 5259926.URPN.   | USPAT                | 2004/03/10          |
|             |         |   | 1                    | 18:47               |
| -           | 9       |   | USPAT                | 2004/03/11<br>09:38 |
|             |         | "5998803"   "6013538"   "6027630"  <br>"6190940"   "6214631"   "6504096").PN.           |                      | 09.50               |
| _           | 6       |   | USPAT                | 2004/03/11          |
|             |         | "5998803"   "6013538"   "6027630").PN.  |                      | 09:42               |
| _           | 1       | 6468819.URPN.   | USPAT                | 2004/03/11          |
|             |         |   |                      | 09:42               |

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| - | 5   | ("5641611"   "5707745"   "5925259"  | USPAT                | 2004/03/11                   |
|---|-----|---|----------------------|------------------------------|
| _ | 2   | "6013538"   "6027630").PN.<br>6294398.URPN.   | USPAT                | 09:43<br>2004/03/11<br>09:43 |
| _ | 434 | (pattern\$3) same substrate same  | USPAT;               | 2004/03/11                   |
|   | 13. | (electrode or (thin adj film)) same die   | US-PGPUB;            | 10:00                        |
|   |     | and (press\$3)  | IBM_TDB              | 0004/00/11                   |
| - | 325 | <pre>(pattern\$3) same substrate same (electrode or (thin adj film)) same die</pre> | USPAT;<br>US-PGPUB;  | 2004/03/11                   |
|   |     | and (press\$3) and remov\$3   | IBM TDB              | 10.01                        |
| _ | 128 | (pattern\$3) same substrate same  | USPAT;               | 2004/03/11                   |
|   |     | (electrode or (thin adj film)) same die   | US-PGPUB;            | 10:01                        |
|   |     | and (press\$3) and remov\$3 same die  | IBM_TDB              | 0004/00/11                   |
| - | 85  | <pre>(pattern\$3) same substrate same (electrode or (thin adj film)) same die</pre> | USPAT;<br>US-PGPUB;  | 2004/03/11                   |
|   |     | and (press\$3 same die) and (remov\$3 same  | IBM TDB              | 10.43                        |
|   |     | die)  | 10                   |                              |
| _ | 20  | 5900160.URPN.   | USPAT                | 2004/03/11                   |
|   |     |   |                      | 10:12                        |
| - | 35  | ("Re33581"   "2905539"   "3497377"  <br>  "3641354"   "3716359"   "4011009"         | USPAT                | 2004/03/11                   |
|   |     | "4173075"   "4274706"   "4325779"   |                      | 10.23                        |
|   |     | "4330175"   "4382657"   "4477158"   |                      |                              |
|   |     | "4512848"   "4528260"   "4582566"   |                      |                              |
|   |     | "4587213"   "4690715"   "4728591"   |                      |                              |
|   |     | "4731155"   "4802951"   "4818336"  <br>"4842633"   "4897325"   "4999489"            |                      |                              |
|   |     | "5018829"   "5020879"   "5032216"   |                      |                              |
|   |     | "5079600"   "5143854"   "5202227"   |                      |                              |
|   |     | "5255273"   "5259926"   "5294369"   |                      |                              |
|   | 1   | "5315436"   "5512131").PN.<br>("5512131").PN.                                       | USPAT;               | 2004/03/11                   |
| _ | 1   | ( 3312131 ). FW.  | US-PGPUB;            | 10:33                        |
|   |     |   | IBM_TDB              |                              |
| - | 37  | (pattern\$3) same substrate same  | USPAT;               | 2004/03/11                   |
|   |     | (electrode or (thin adj film)) same stamp\$3 and (remov\$3 same stamp)              | US-PGPUB;<br>IBM TDB | 10:55                        |
| _ | 596 | (die or stamp) and (cold adj weld\$3)   | USPAT;               | 2004/03/11                   |
|   |     |   | US-PGPUB;            | 10:56                        |
|   |     | ( 3 1 1 1 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | IBM_TDB              | 2004/03/11                   |
| - | 94  | ((die or stamp) same (cold adj weld\$3)) and substrate                              | USPAT;<br>US-PGPUB;  | 10:56                        |
|   |     | and subscrace   | IBM TDB              |                              |
| _ | 90  | ((die or stamp) same (cold adj weld\$3))  | USPAT;               | 2004/03/11                   |
|   |     | and substrate and (film or layer)   | US-PGPUB;            | 10:57                        |
| 1 |     | ((die or stamp) same (cold adj weld\$3))  | IBM_TDB<br>USPAT;    | 2004/03/11                   |
| - | 64  | and substrate and (film or layer) and   | US-PGPUB;            | 10:57                        |
|   |     | remov\$3  | IBM_TDB              |                              |
| - | 50  | ((die or stamp) same (cold adj weld\$3))  | USPAT;               | 2004/03/11                   |
|   |     | and substrate and (film or layer) and   | US-PGPUB;<br>IBM TDB | 10:58                        |
| _ | 228 | (remov\$3 same (die or stamp))<br>(die or stamp) same (cold adj weld\$3)            | USPAT;               | 2004/03/11                   |
|   |     | (and of bound) came (cold any   | US-PGPUB;            | 11:54                        |
|   |     |   | IBM_TDB              | 2004/02/11                   |
| - | 6   | ("5772905"   "5814885"   "5925259"   "6027630"   "6274508"   "6281038").PN.         | USPAT                | 2004/03/11                   |
| _ | 35  |   | USPAT                | 2004/03/11                   |
|   |     | "3641354"   "3716359"   "4011009"   |                      | 11:48                        |
|   |     | "4173075"   "4274706"   "4325779"   |                      |                              |
| 1 |     | "4330175"   "4382657"   "4477158"   |                      |                              |
|   |     | "4512848"   "4528260"   "4582566"  <br>"4587213"   "4690715"   "4728591"            |                      |                              |
|   |     | "4731155"   "4802951"   "4818336"   |                      |                              |
|   |     | "4842633"   "4897325"   "4999489"   |                      |                              |
|   |     | "5018829"   "5020879"   "5032216"   |                      |                              |
|   |     | "5079600"   "5143854"   "5202227"  <br>"5255273"   "5259926"   "5294369"            |                      |                              |
|   |     | "5255273"   "5259926"   "5294369"   "5315436"   "5512131").PN.                      |                      |                              |

| - | 598  | (die or stamp or (forming adj member)) and (cold adj weld\$3)                                  | USPAT;<br>US-PGPUB;  | 2004/03/11<br>11:55 |
|---|------|--|----------------------|---------------------|
|   |      |  | IBM_TDB              |                     |
| _ | 229  | <pre>(die or stamp or (forming adj member)) and (cold adj weld\$3) and substrate</pre>         | USPAT;<br>US-PGPUB;  | 2004/03/11<br>11:55 |
|   |      |  | IBM_TDB              | 2004/02/11          |
| - | 79   | (die or stamp or (forming adj member))   | USPAT;               | 2004/03/11          |
|   |      | and (cold adj weld\$3) and substrate and ((metal or conduct\$3) adj (film or                   | US-PGPUB;<br>IBM_TDB | 11:58               |
|   | 6    | <pre>layer)) ((die or stamp or (forming adj member))</pre>                                     | USPAT;               | 2004/03/11          |
| - | "    | with ((rais\$3 or project\$3 or protrud\$3)  | US-PGPUB;            | 12:00               |
|   |      | adj portion)) and (cold adj weld\$3) and   | IBM TDB              |                     |
|   |      | substrate and ((metal or conduct\$3) adj   |                      |                     |
|   |      | (film or layer))   |                      |                     |
| - | 6    |  | USPAT;               | 2004/03/11          |
|   |      | with ((rais\$3 or project\$3 or protrud\$3)  | US-PGPUB;            | 12:03               |
|   |      | adj portion)) and (cold adj weld\$3) and   | IBM_TDB              |                     |
|   |      | substrate and ((metal or conduct\$3) adj   |                      |                     |
|   |      | (film or layer))   | IICDAT -             | 2004/03/11          |
| - | 6    | <pre>((die or stamp or (forming adj member)) with ((rais\$3 or project\$3 or protrud\$3)</pre> | USPAT;<br>US-PGPUB;  | 12:02               |
|   |      | adj portion)) and (cold adj weld\$3) and   | IBM TDB              | 12.02               |
|   |      | substrate  | 15155                |                     |
| _ | 20   | ((die or stamp or (forming adj member))  | USPAT;               | 2004/03/11          |
| ŀ |      | with ((rais\$3 or project\$3 or protrud\$3)  | US-PGPUB;            | 12:02               |
|   |      | adj portion) or indentation) and (cold   | IBM_TDB              |                     |
|   |      | adj weld\$3) and substrate   |                      | 0004/00/11          |
| - | 1746 | ((die or stamp or (forming adj member))  | USPAT;               | 2004/03/11          |
|   |      | with ((rais\$3 or project\$3 or protrud\$3)  | US-PGPUB;            | 12:04               |
|   |      | adj portion) or indentation) and substrate and ((metal or conduct\$3) adj                      | IBM_TDB              |                     |
|   |      | (film or layer))   |                      |                     |
| _ | 711  | ((die or stamp or (forming adj member))  | USPAT;               | 2004/03/11          |
|   |      | with ((rais\$3 or project\$3 or protrud\$3)  | US-PGPUB;            | 12:04               |
|   |      | adj portion) or indentation) and   | IBM_TDB              |                     |
|   |      | substrate with ((metal or conduct\$3) adj  |                      |                     |
|   |      | (film or layer)) ((die or stamp or (forming adj member))                                       | IICDAT.              | 2004/03/11          |
| _ | 99   | with ((rais\$3 or project\$3 or protrud\$3)  | USPAT;<br>US-PGPUB;  | 12:06               |
|   |      | adj portion) or indentation) and   | IBM TDB              |                     |
|   |      | substrate with ((metal or conduct\$3) adj  | _                    |                     |
|   |      | (film or layer)) and ((press\$3 or forc@3)   |                      |                     |
|   |      | with (die or stamp or (forming adj   |                      |                     |
|   |      | member)))  | HCDAM.               | 2004/02/11          |
| - | 9    |  | USPAT;<br>US-PGPUB;  | 2004/03/11 12:06    |
|   |      | <pre>with ((rais\$3 or project\$3 or protrud\$3) adj portion) or indentation) and</pre>        | IBM TDB              | 12.00               |
|   |      | substrate with ((metal or conduct\$3) adj  | 12100                |                     |
|   |      | (film or layer)) and ((press\$3 or forc@3)   |                      |                     |
|   |      | with (die or stamp or (forming adj   |                      |                     |
|   |      | member))) and ((releas\$3 or remov@3) with   |                      |                     |
|   | 1    | (die or stamp or (forming adj member)))  | 110000               | 2004/02/11          |
| - | 1    | ("5707745").PN.  | USPAT;<br>US-PGPUB;  | 2004/03/11          |
|   |      |  | IBM TDB              | 10.20               |
| - | 130  | heterostructure same polymer   | USPAT;               | 2004/03/11          |
|   | 130  | licetoperaceare pame berliner  | US-PGPUB;            | 16:26               |
|   |      |  | IBM_TDB              |                     |
| _ | 88   | heterostructure with polymer   | USPĀT;               | 2004/03/11          |
|   |      |  | US-PGPUB;            | 16:26               |
|   |      |  | IBM_TDB              | 2004/02/11          |
| - | 5    | heterostructure near polymer   | USPAT;<br>US-PGPUB;  | 2004/03/11          |
|   |      |  | IBM TDB              | 10.20               |
| 1 | 1    |  | 1                    |                     |